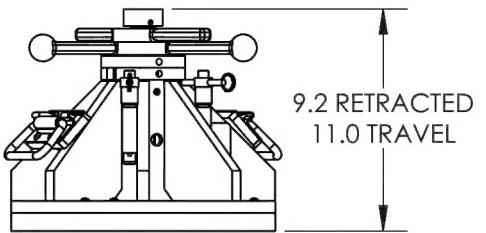
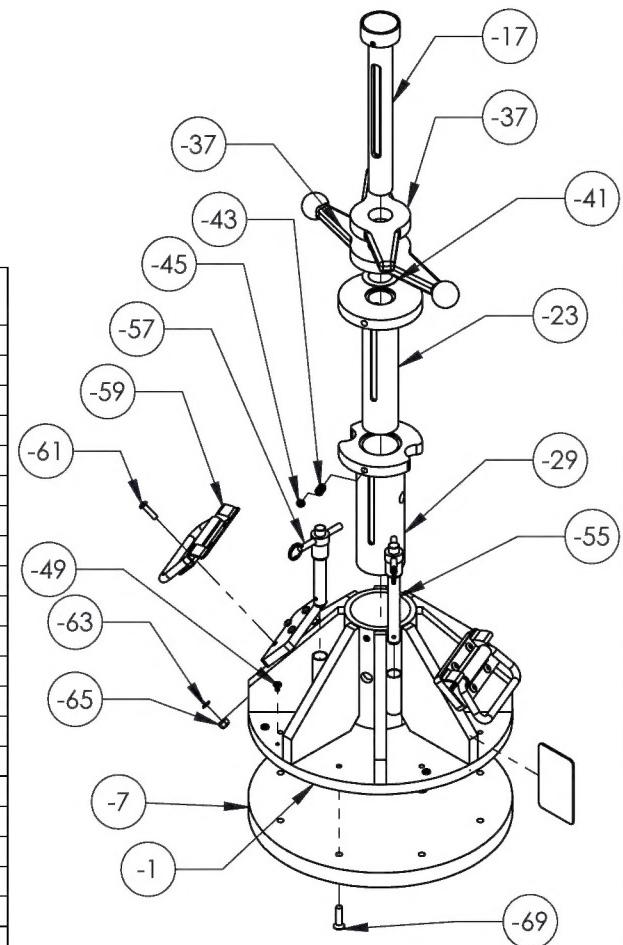


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REV		DESCRIPTION			DATE	INITIAL	APPROVED
A		ADDED SHT 23, 1st ARTICULE SHEET. SHT 22, CHANGED WEIGHT FROM 3500 TO 1800			2/24/2011	JAG	



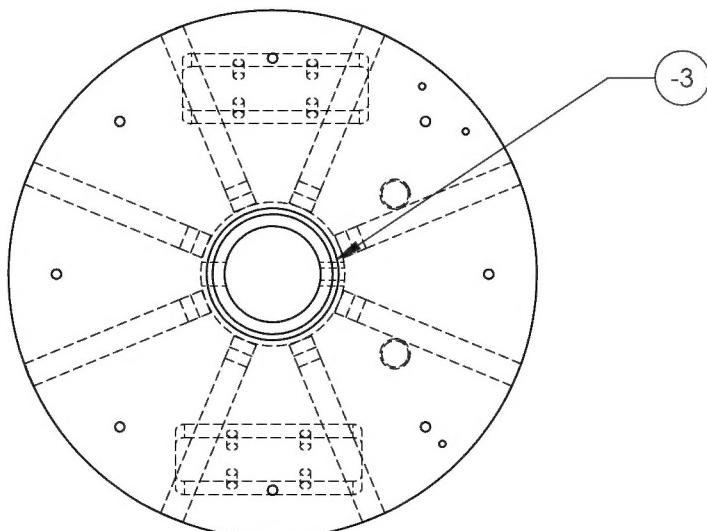
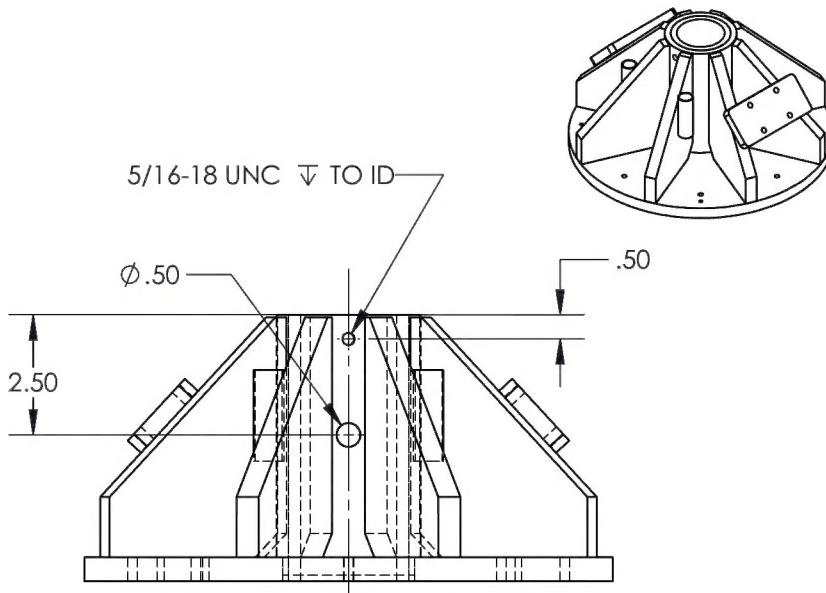
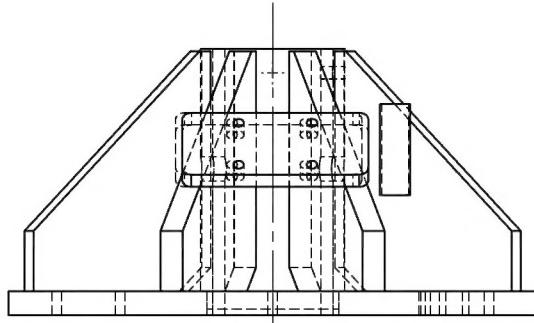
ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		X			-1	1	JACK ASSY			2
			1		-3		SLEEVE	CARBON STEEL DOM TUBE	2-1/2 OD X 2.0 ID X 5-7/8	3
		X	1		-5		JACK WELDMENT			4
			1		-7		BASE	6061	Ø11-1/8 X 1/2	5
			8		-9		GUSSET	6061	1/2 X 5-1/8 X 4-1/8	6
			1		-11		SHANK	6061	Ø3.0 X 2-1/2 X 5-5/8	7
			2		-13		HANDLE PLATE	6061	3/8 X 4.0 X 2.0	8
			2		-15		BALL LOCK RECIEVER	6061	Ø5/8 X .035 WALL X 2.0	9
		X			-17	1	POST ASSY			10
			1		-19		POST MOD	S.S.	ACME 1-6 MCMASTER-CARR #95061A844(NEEDS MODIFIED)	11
			1		-21		ADAPTER CUP	S.S. 303	Ø1-3/4 x 7/8	12
		X			-23	1	INSERT 1 WELDMENT			13
			1		-25		INSERT 1	CARBON STEEL DOM TUBE	2.0 OD X 1.5 ID X 6-5/8	14
			1		-27		FLANGE 1	1018	.50 X Ø3-5/8	15
		X			-29	1	INSERT2 WELDMENT			16
			1		-31		INSERT2	CARBON STEEL DOM TUBE	Ø2.0 OD X 1-1/2 ID X 6-1/8	17
			1		-33		FLANGE2	1018	.50 X Ø3-5/8	18
					-35	1	PLYWOOD BASE	MARINE PLYWOOD	3/4 X Ø11.0 SK393M44123-7 (NEEDS MODIFIED)	19
					-37	1	JACK HANDLE MOD	CAST IRON	MCMASTER-CARR #92428A140 (NEEDS MODIFIED)	20
					-39	1	LOCKING HANDLE MOD	CAST IRON	MCMASTER-CARR #92428A140 (NEEDS MODIFIED)	21
		B/O	-41	1			THRUST WASHER	S.S.	Ø1-1/2 X Ø1.0 X .03 MCMASTER-CARR #97022A505	1
		B/O	-43	3			SET SCREW	S.S.	5/16-18 MCMASTER-CARR #92845A615	1
		B/O	-45	3			LOCK SCREW	S.S.	5/16-18 MCMASTER-CARR #91318A510	1
		B/O	-47	3			LANYARD	S.S.	12" W TAB MCMASTER-CARR #30345T24	NS
		B/O	-49	3			MACHINE SCREW	S.S.	8-32 x 1/4 MCMASTER-CARR #91735A190	1
		B/O	-51	1			REMOVE BEFORE FLIGHT	NYLON	NAS 1756-12	NS
			-53	1			PLACARD	ALUMINUM	USE RB41009 WITH T/N, S/N, AND LOAD SPEC.	1
		B/O	-55	1			BALL LOCK PIN	S.S.	3in MCMASTER-CARR #90980A550	1
		B/O	-57	1			BALL LOCK PIN	S.S.	2in MCMASTER-CARR #90980A540	1
		B/O	-59	2			HANDLE	STEEL	REID #NSH-50	1
		B/O	-61	8			SOCKET CAP SCREW	S.S.	10-32 X 3/4 MCMASTER-CARR #98164A182	1
		B/O	-63	8			WASHER	S.S.	#10 MCMASTER-CARR #90945A740	1
		B/O	-65	8			LOCK NUT	S.S.	10-32 MCMASTER-CARR #90715A115	1
		B/O	-67	1			SPRING PIN	S.S.	3/16 X 1-1/2 MCMASTER-CARR #92383A734	1
		B/O	-69	8			MACHINE SCREW	S.S.	1/4-20 X 1 MCMASTER-CARR #91771A543	1



RED BARN MACHINE	
TITLE	
AFT AIR TRANSPORT SHORING JACK	
DWG NO.	
RBT18403	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS $\text{XXX} \pm .005$ $\text{XX} \pm .01$ $\text{X} \pm .1$	DRAWN BY: GILBERT APPROVED D Weil
FRACTIONS $\pm 1/32$ HEAT TREAT FINISH SPEC	
ANGLES $\pm .5^\circ$	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL	FIRE SCOUT MQ-8B
SCALE 1:8	DATE 1/17/2011
SHEET 1 OF 23	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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(1)
JACK ASSY

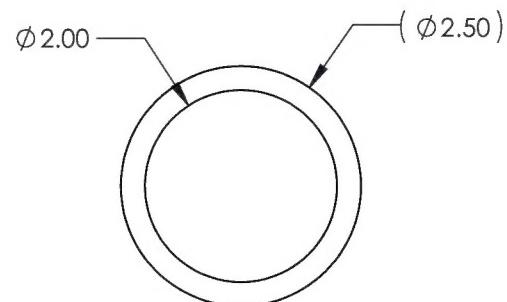
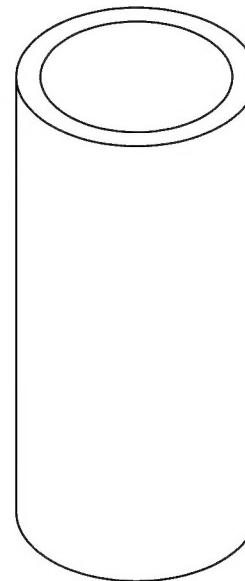
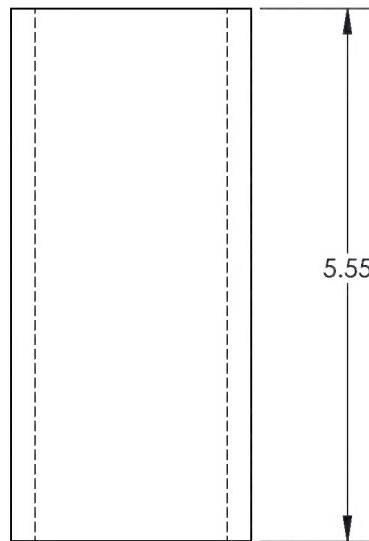
NOTE:
INSERT SLEEVE (-3) BEFORE DRILLING 2 HOLES.

RED BARN MACHINE	
TITLE	
AFT AIR TRANSPORT SHORING JACKI	
DWG NO.	REV
RBT18403-1	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS XXX ± .005	
FRACTIONS ± 1/32	
XX ± .01	
ANGLES ± .5°	
X ± .1	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
FIRE SCOUT MQ-8B	
SCALE	DATE
1:4	1/17/2011
SHEET 2 OF 23	

GILBERT
D Weil

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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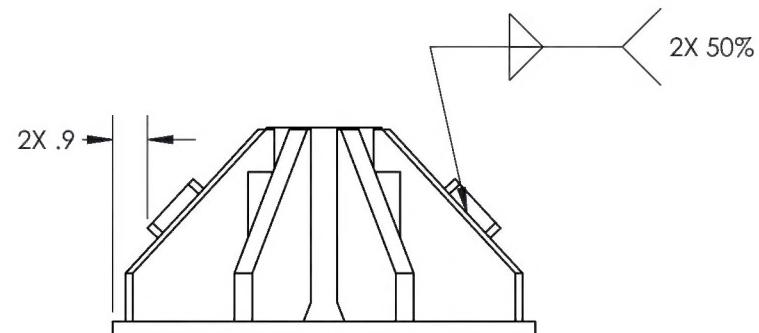
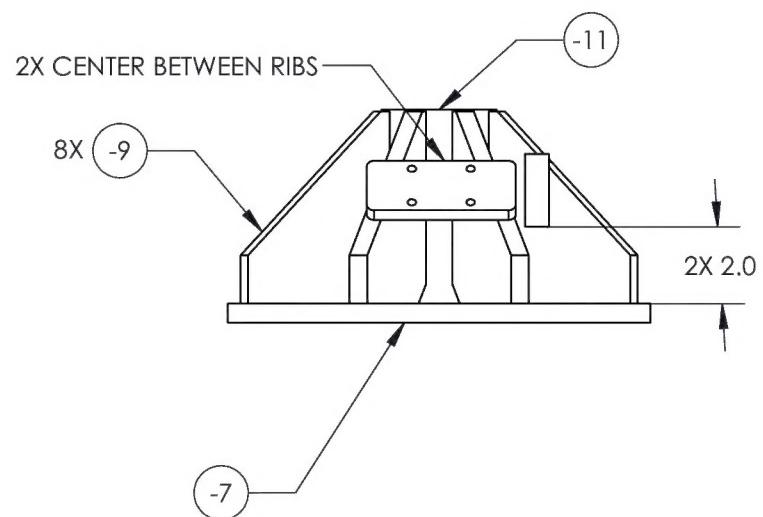
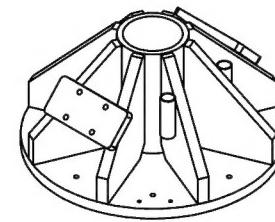
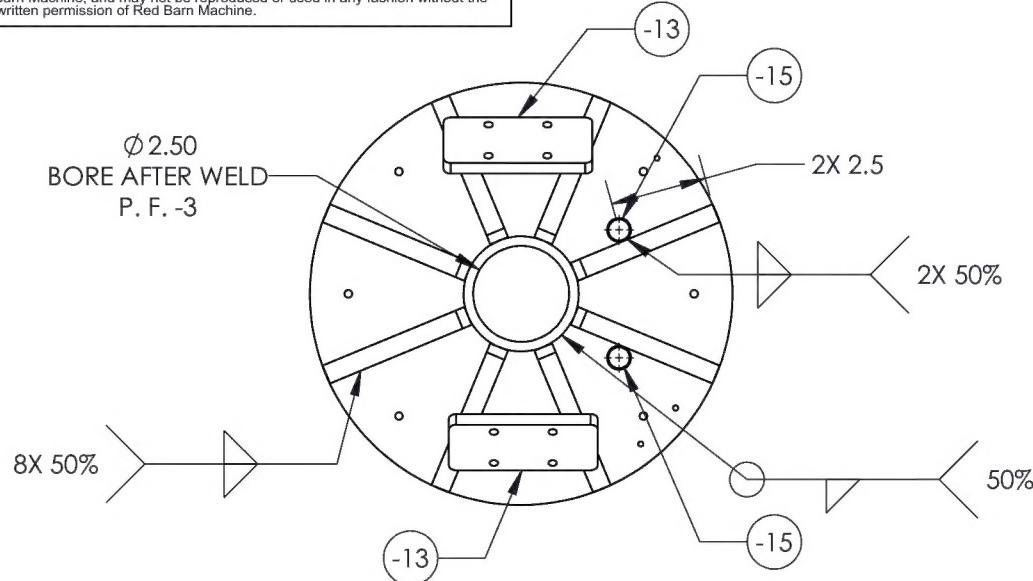
(-3)

SLEEVE

RB RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK	
DWG NO.	RBT18403-3
DRAWN BY: GILBERT	
APPROVED D Weil	
REV A	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS .XXX ± .005	
XX ± .01 FRACTIONS ± 1/32	
X ± .1 ANGLES ± .5°	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
FIRE SCOUT MQ-8B	
SCALE	1:2
DATE	1/17/2011
SHEET 3 OF 23	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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(-5)
JACK WELDMENT

RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK	
DWG NO.	RBT18403-5
DRAWN BY:	GILBERT
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	REV A
TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32	
XX ± .01 ANGLES ± 5°	
X ± .1	
HEAT TREAT FINISH POWDER COAT RED	
SPEC RAL 3020	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL	FIRE SCOUT MQ-8B
SCALE 1:5	DATE 1/17/2011
SHEET 4 OF 23	

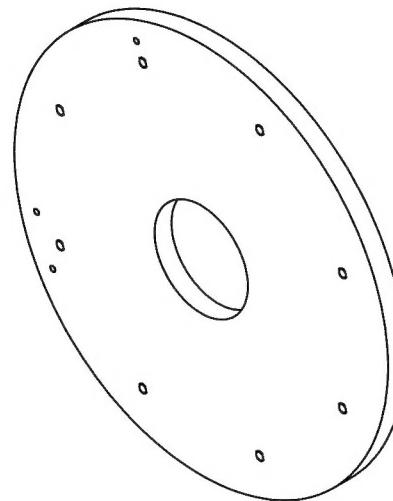
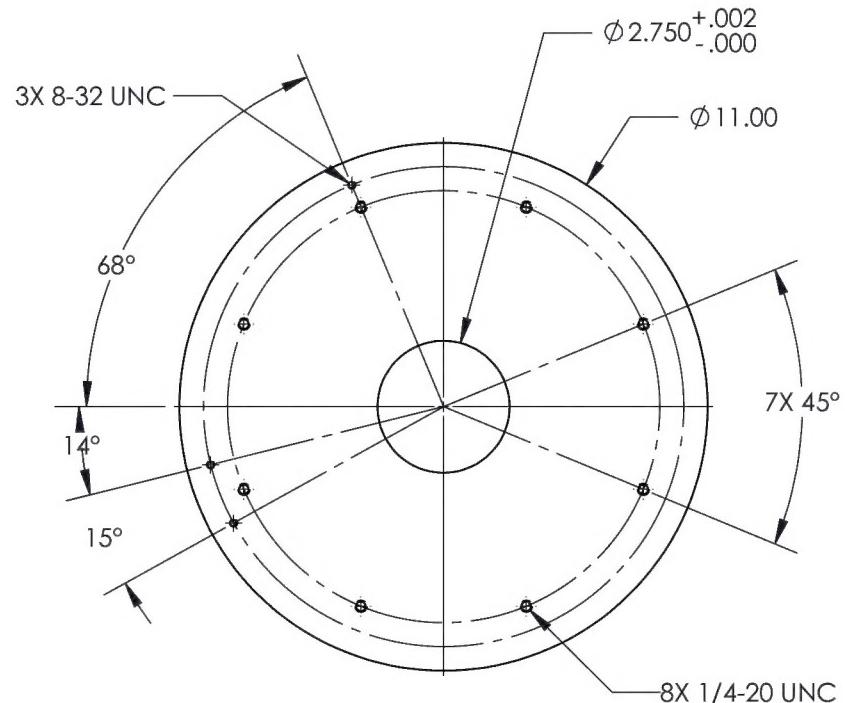
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REVISONS

REV

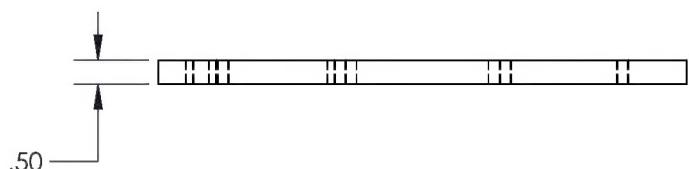
DESCRIPTION

DATE INITIAL APPROVED



(7)

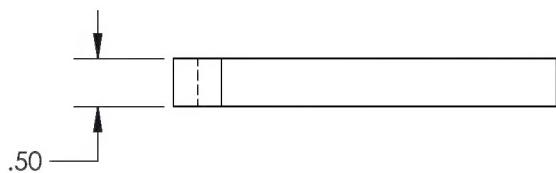
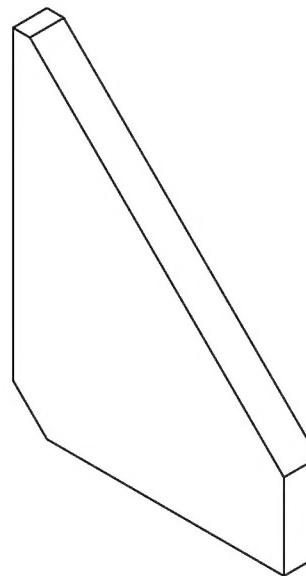
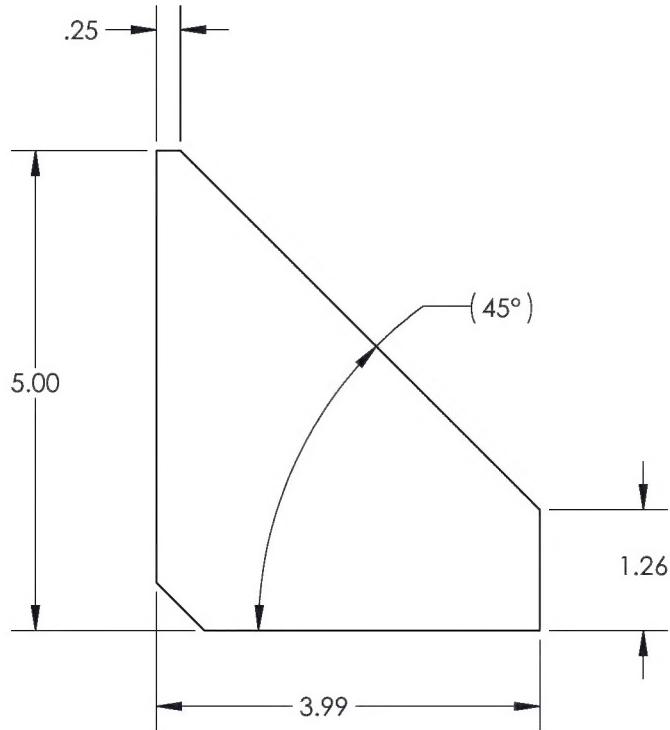
BASE



 RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK	
DWG NO.	RBT18403-7
DRAWN BY: GILBERT	
APPROVED <i>D Weil</i>	
TOLERANCES ON: DECIMALS $\pm .005$ FRACTIONS $\pm 1/32$ $\pm .01$ ANGLES $\pm .5^\circ$	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
FIRESCOUT MQ-8B	
SCALE	1:4
DATE	1/17/2011
SHEET 5 OF 23	

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REV	REVISIONS		
DESCRIPTION	DATE	INITIAL	APPROVED

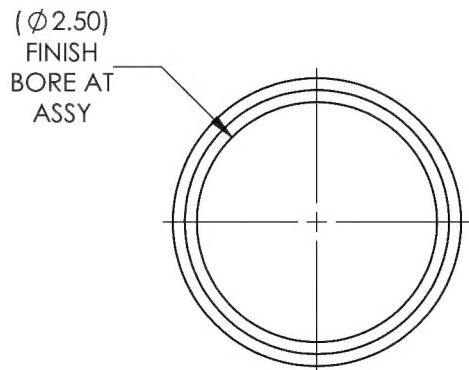
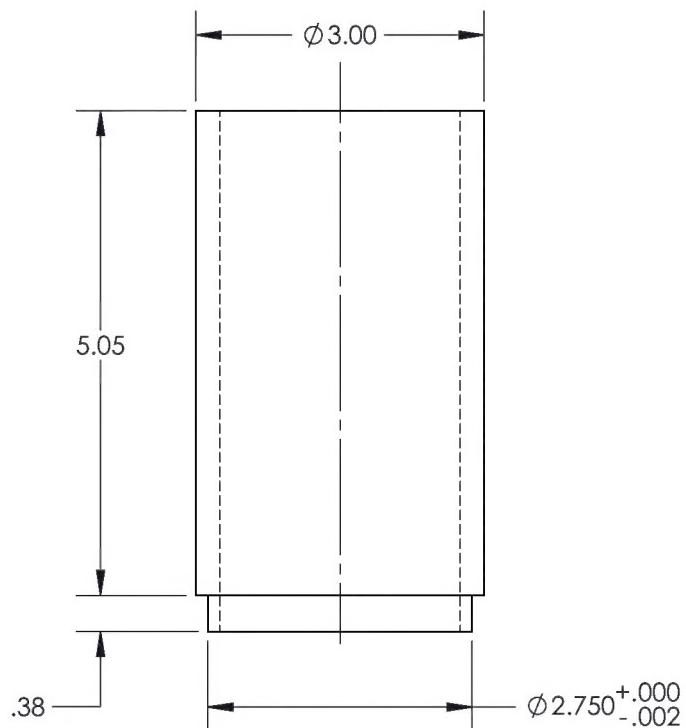


(-9)
GUSSET

RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK	
DWG NO. RBT18403-9	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1	
APPROVED HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
FIRE SCOUT MQ-8B	
SCALE 1:4	DATE 1/17/2011
SHEET 6 OF 23	

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REV		DESCRIPTION		DATE	INITIAL	APPROVED
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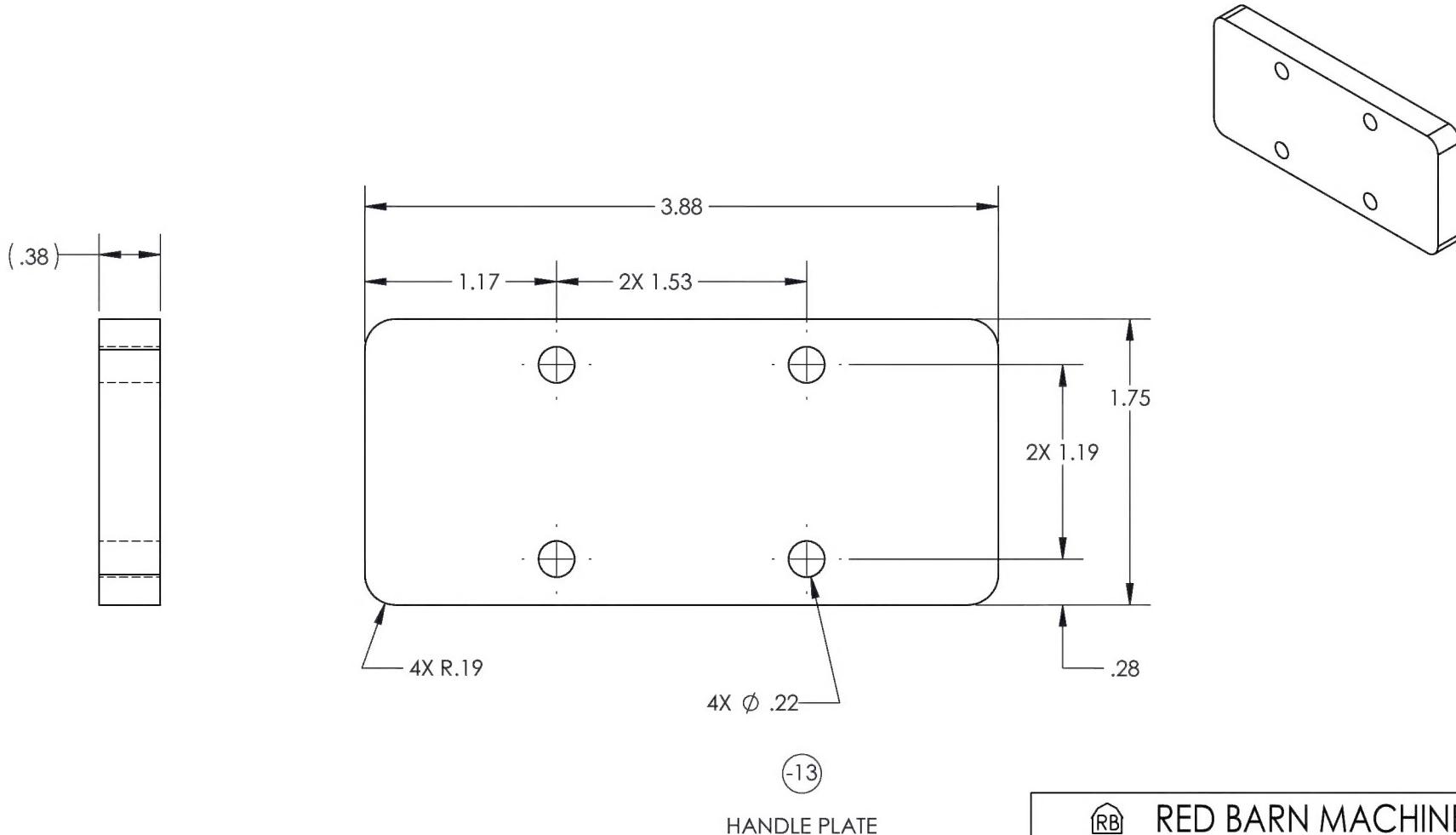
-11

BASE

RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK	
DWG NO.	RBT18403-11
DRAWN BY: GILBERT	
APPROVED <i>D Weil</i>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS $.XXX \pm .005$ FRACTIONS $\pm 1/32$ $XX \pm .01$ ANGLES $\pm 5^\circ$ $X \pm .1$	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
FIRE SCOUT MQ-8B	
SCALE	1:4
DATE	1/17/2011
SHEET 7 OF 23	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

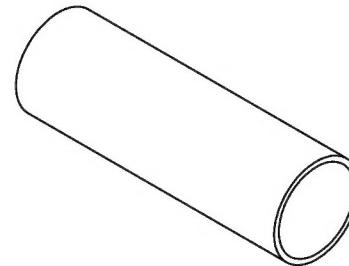
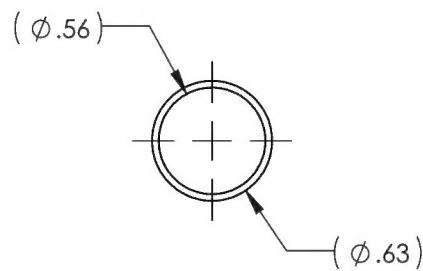
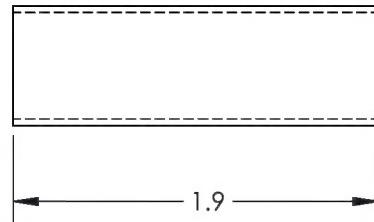


HANDLE PLATE

	RED BARN MACHINE		
TITLE AFT AIR TRANSPORT SHORING JACK			
DWG NO.	RBT18403-13		REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS $.XXX \pm .005$ FRACTIONS $\pm 1/32$ XX .01 ANGLES $\pm .5^\circ$ X .1		DRAWN BY: GILBERT APPROVED <i>D. Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL FIRE SCOUT MQ-8B	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES $.015 \times 45^\circ$ PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	1:1	DATE	1/17/2011
		SHEET 8 OF 23	

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(-15)

BALL LOCK RECIEVER

 RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK	
DWG NO. RBT18403-15	
DRAWN BY: GILBERT	
REV A	
APPROVED <i>D Weil</i>	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
FIRE SCOUJT MQ-8B	
SCALE	1:4
DATE	1/17/2011
SHEET 9 OF 23	

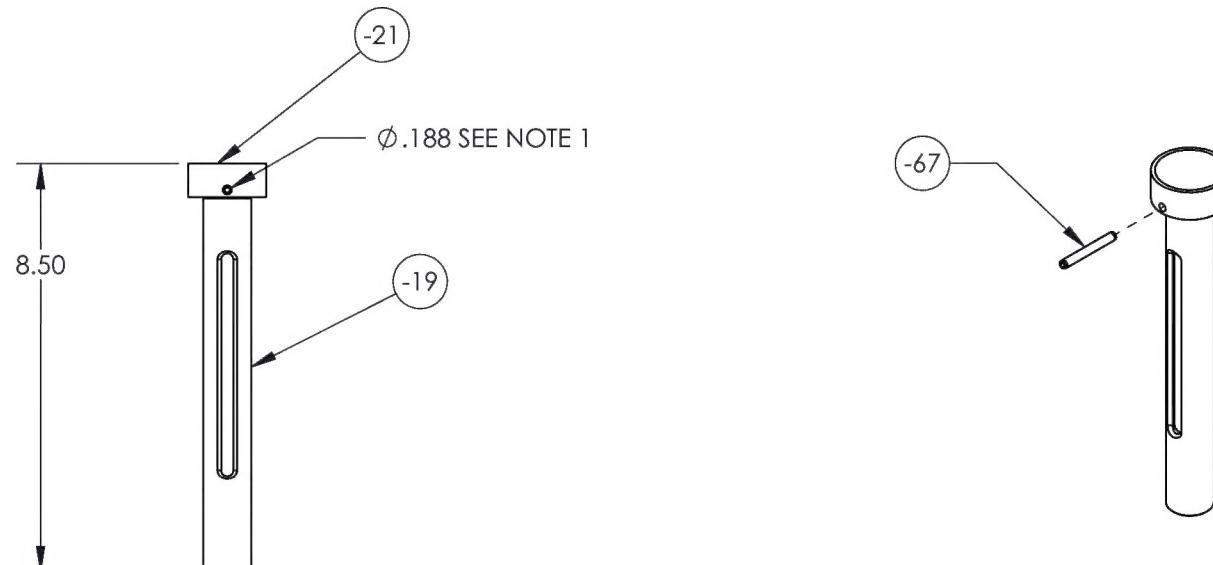
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES ON:
 DECIMALS .XXX ± .005 FRACTIONS ± 1/32
 XX ± .01 ANGLES ±.5°
 X ± .1

UNLESS OTHERWISE SPECIFIED
 1. BREAK ALL SHARP EDGES
 .015 x 45° PR. .015 R
 2. DIMENSIONAL LIMITS APPLY AFTER PLATING

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	DESCRIPTION	DATE	INITIAL APPROVED



-17

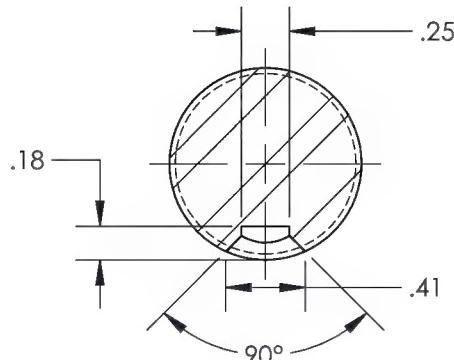
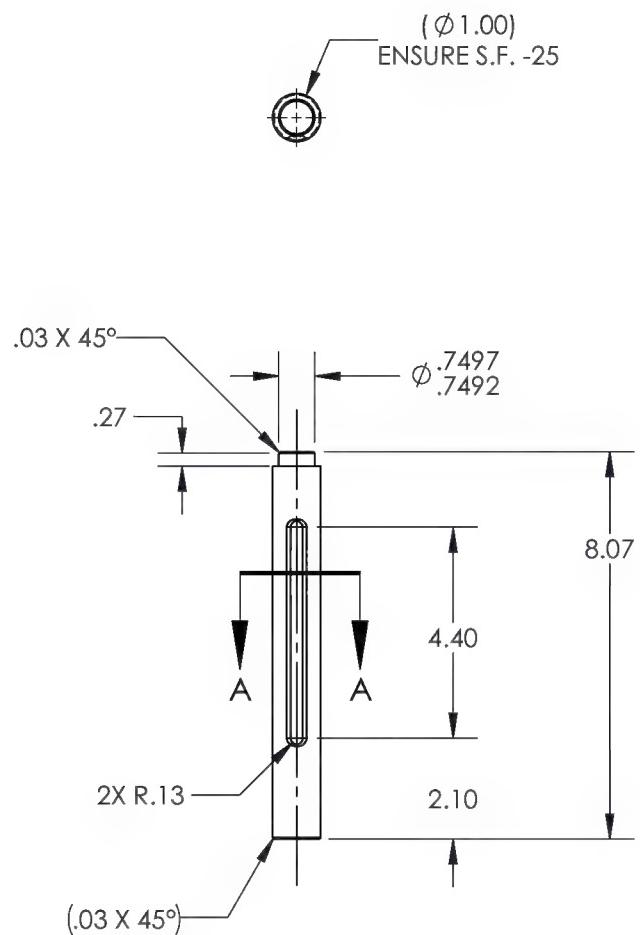
POST ASSY

- NOTES:
- PRESS FIT -21 ONTO -19, THEN DRILL HOLE.
ORIENTATION NOT CRITICAL
 - INSTALL SPRING PIN BELOW SURFACE.

 RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK	
DWG NO.	RBT18403-17
REV <i>A</i>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± .5° X ± .1	
APPROVED <i>D Weil</i>	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
FIRE SCOUT MQ-8B	
SCALE	1:4
DATE	1/17/2011
SHEET 10 OF 23	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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SECTION A-A
SCALE 1 : 1



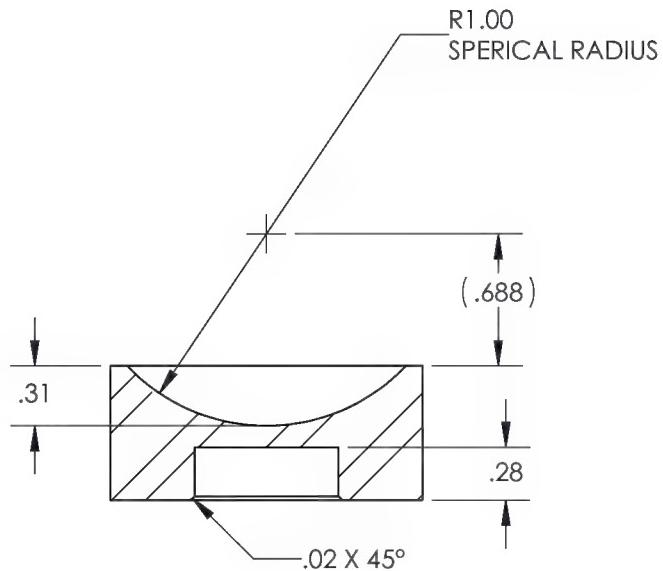
(-19)

POST MOD

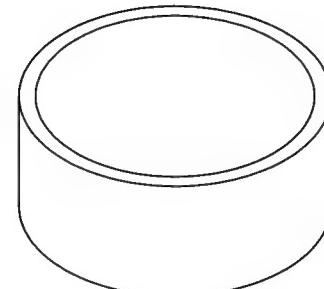
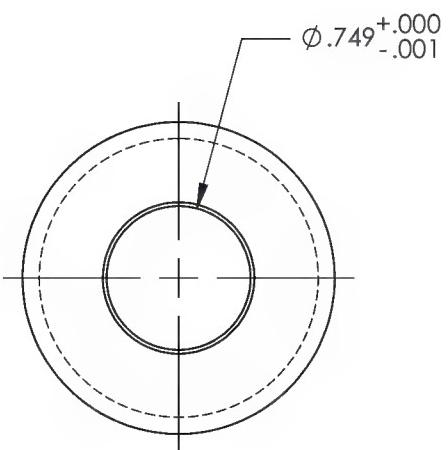
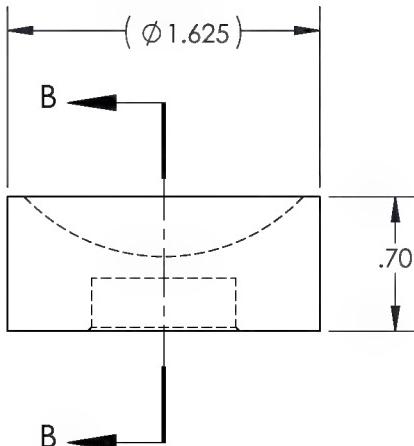
	RED BARN MACHINE	
TITLE		
AFT AIR TRANSPORT SHORING JACK		
DWG NO.	RBT18403-19	REV <i>A</i>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
TOLERANCES ON: DECIMALS $XXX \pm .005$ FRACTIONS $\pm 1/32$		
XX $\pm .01$ ANGLES $\pm 5^\circ$		
X $\pm .1$		
APPROVED <i>D Weil</i>		
HEAT TREAT FINISH		
SPEC		
USED ON MODEL		
FIRE SCOUT MQ-8B		
SCALE	1:4	DATE
1/17/2011		SHEET 11 OF 23

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REV	REVISIONS		
	DESCRIPTION	DATE	INITIAL APPROVED



SECTION B-B
SCALE 1 : 1



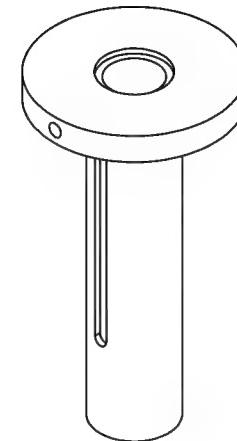
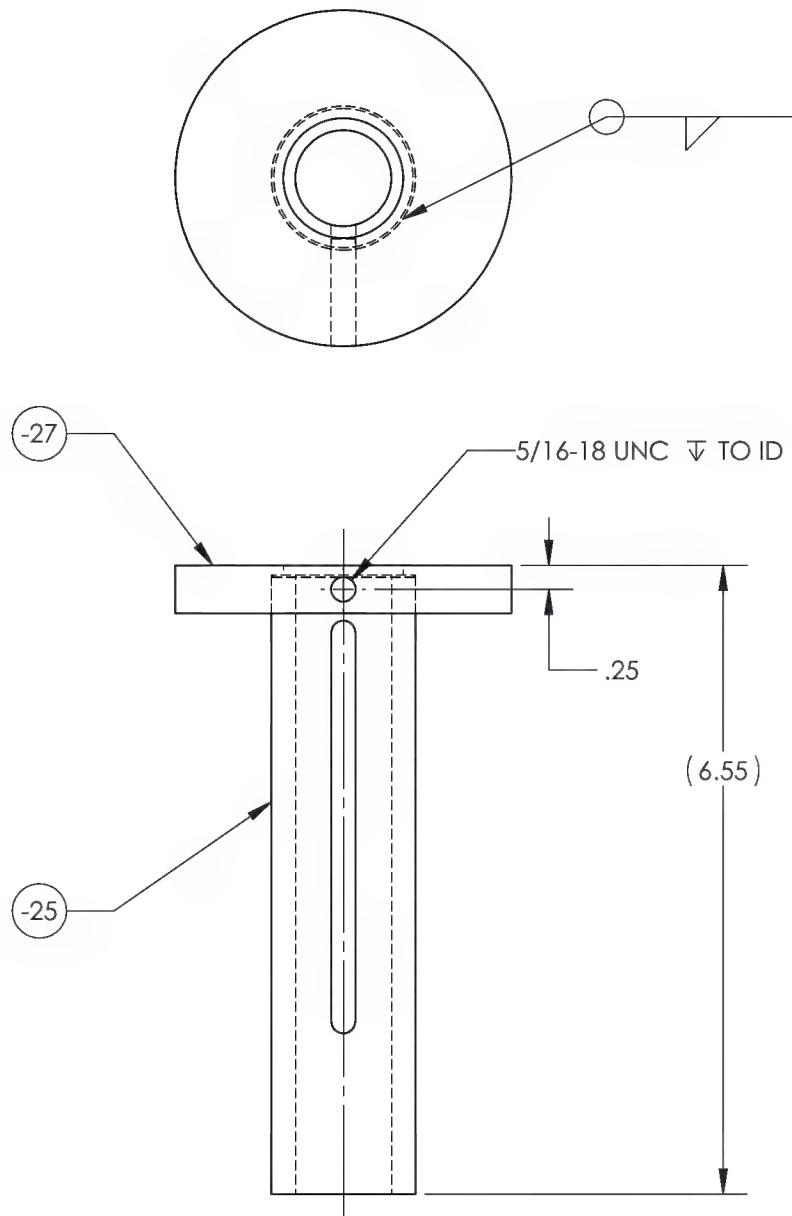
(-21)

ADAPTER CUP

	RED BARN MACHINE	
TITLE	AFT AIR TRANSPORT SHORING JACK	
DWG NO.	RBT18403-21	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: GILBERT
TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32		APPROVED D Weil
XX ± .01 ANGLES ± 5°		HEAT TREAT FINISH
X ± .1		SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R		USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		FIRE SCOUT MQ-8B
SCALE	1:4	DATE 1/17/2011 SHEET 12 OF 23

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REV	REVISIONS		
	DESCRIPTION	DATE	INITIAL APPROVED



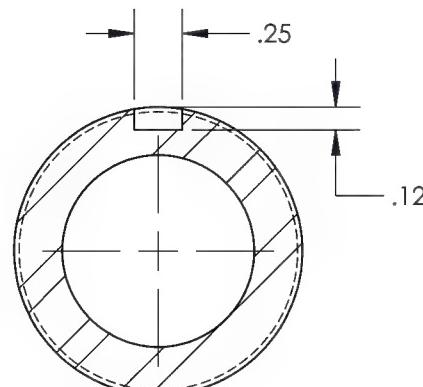
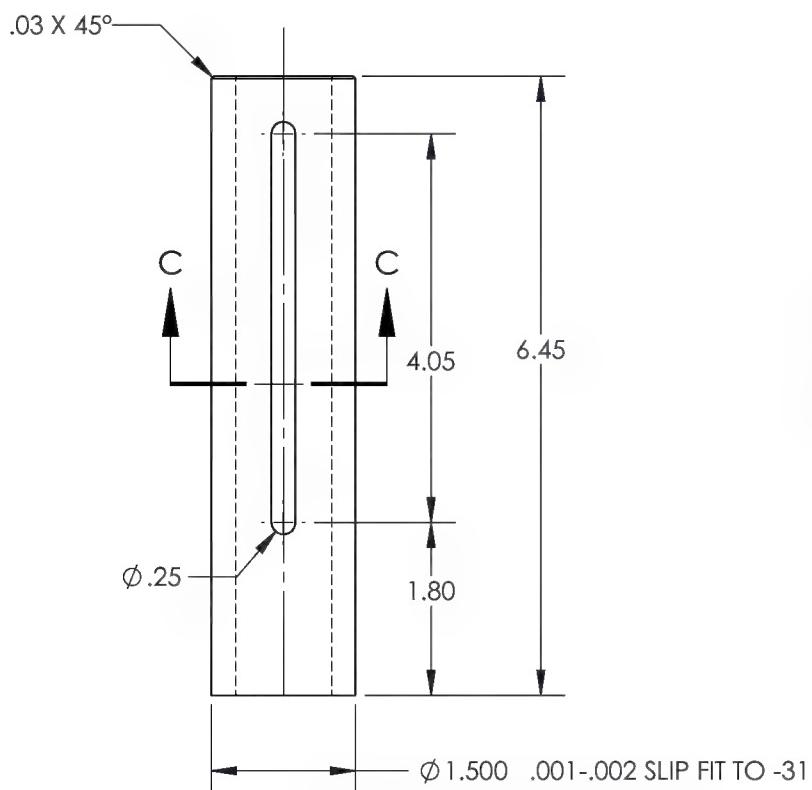
INSERT 1 WELDMENT

NOTE:
DRILL AND TAP HOLE AFTER WELDING,
ALIGNING TO SLOT AS SHOWN

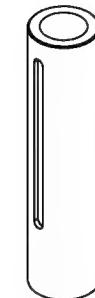
	RED BARN MACHINE	
TITLE		
AFT AIR TRANSPORT SHORING JACK		
DWG NO.	RBT18403-23	REV <i>A</i>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: GILBERT
TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1		APPROVED <i>D. Weil</i>
FRACTIONS ± 1/32 ANGLES ± 5°		HEAT TREAT FINISH BLACK ZINC
SPEC		
USED ON MODEL		
FIRE SCOUT MQ-8B		
SCALE	1:2	DATE 1/17/2011
SHEET 13 OF 23		

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REV	REVISIONS		
	DESCRIPTION	DATE	INITIAL APPROVED

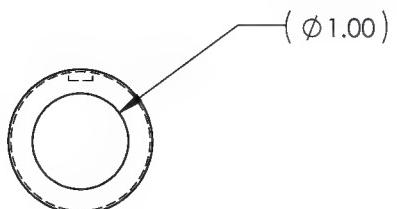


SECTION C-C
SCALE 1 : 1



(-25)

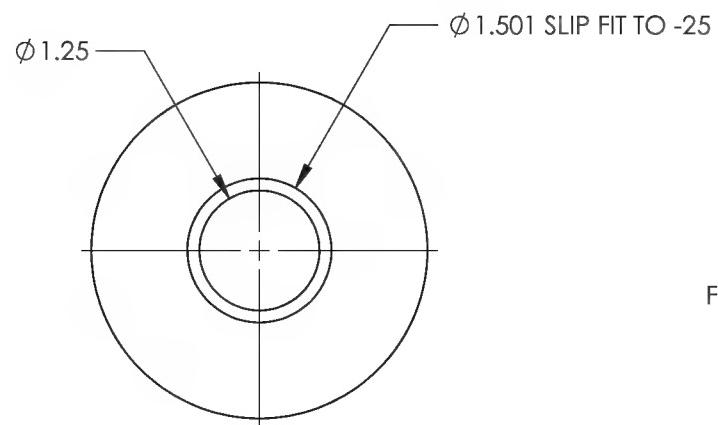
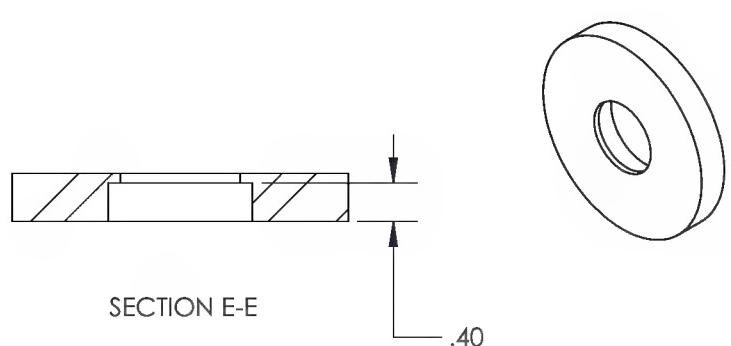
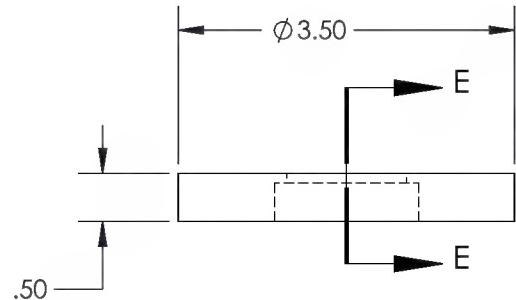
INSERT 1



RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK	
DWG NO.	RBT18403-25
DRAWN BY: GILBERT	
APPROVED <i>D Weil</i>	
REV A	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
FIRE SCOUT MQ-8B	
SCALE	1:2
DATE	1/17/2011
SHEET 14 OF 23	

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REV		DESCRIPTION		DATE	INITIAL	APPROVED
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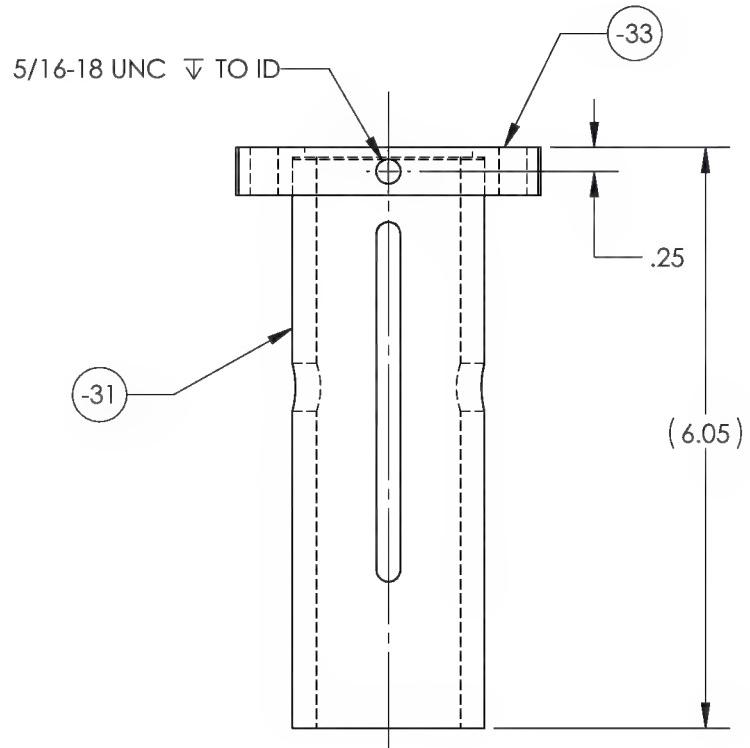
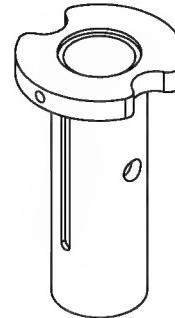
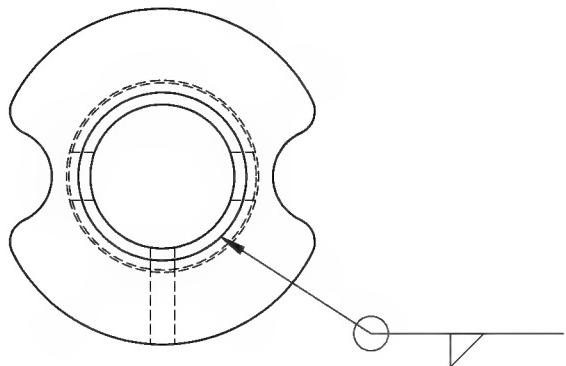
-27

FLANGE 1

 RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK	
DWG NO.	RBT18403-27
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: GILBERT
TOLERANCES ON: DECIMALS $.XXX \pm .005$	APPROVED <i>D Weil</i>
XX $\pm .01$	HEAT TREAT
X $\pm .1$	FINISH
SPEC	
USED ON MODEL	
FIRE SCOUT MQ-8B	
SCALE	1:2
DATE	1/17/2011
SHEET 15 OF 23	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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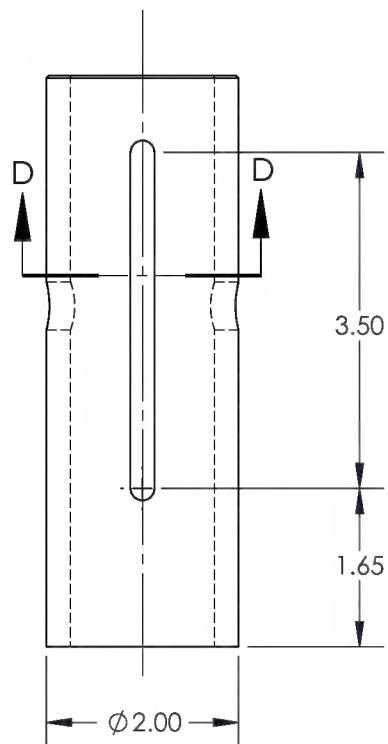
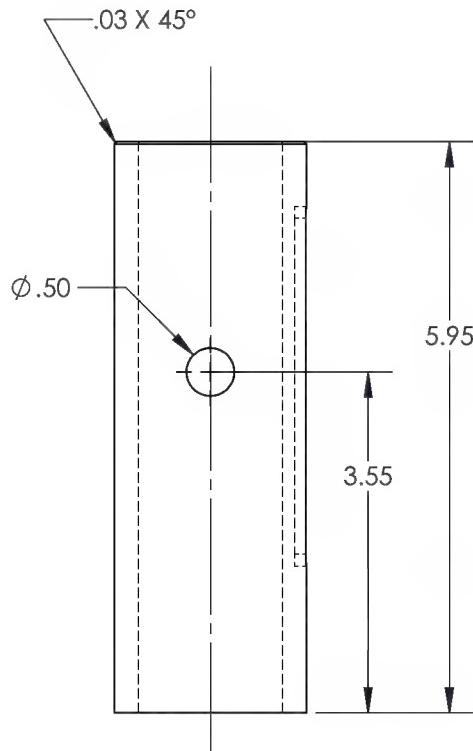
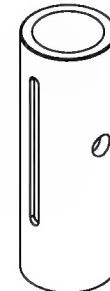
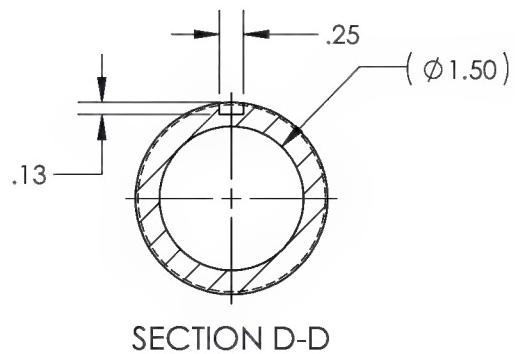


NOTE:
DRILL AND TAP HOLE AFTER WELDING,
ALIGNING TO SLOT AS SHOWN.

RB RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK	
DWG NO.	RBT18403-29
DRAWN BY:	GILBERT
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1	
HEAT TREAT FINISH BLACK ZINC	
SPEC	
USED ON MODEL	
FIRE SCOUT MQ-8B	
SCALE	1:2
DATE	1/17/2011
SHEET 16 OF 23	

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REV	REVISIONS		
	DESCRIPTION	DATE	INITIAL APPROVED



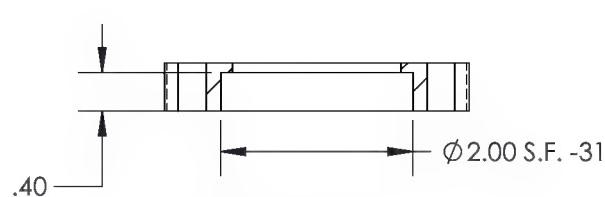
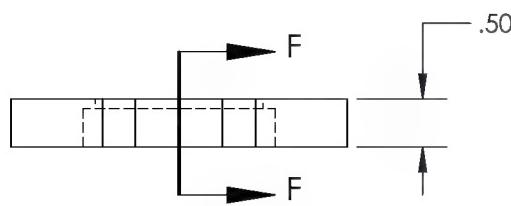
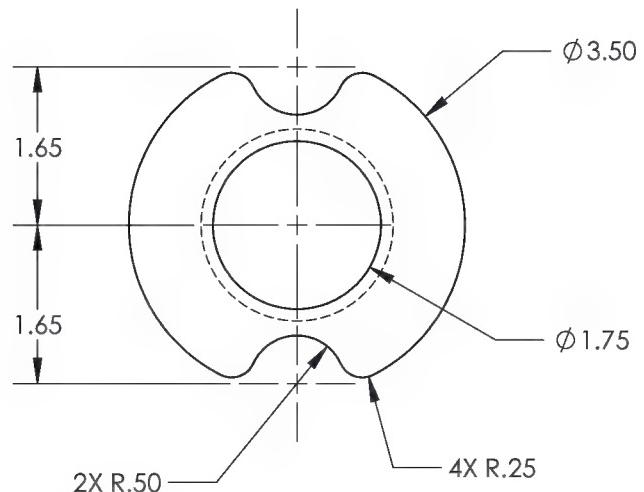
(-31)

INSERT 2

	RED BARN MACHINE	REV <i>A</i>
TITLE	AFT AIR TRANSPORT SHORING JACK	
DWG NO.	RBT18403-31	REV <i>A</i>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: GILBERT	
TOLERANCES ON: DECIMALS $.XXX \pm .005$	APPROVED <i>D Weil</i>	
XX $\pm .01$	HEAT TREAT FINISH	
X $\pm .1$	SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES $.015 \times 45^\circ$ PR. $.015$ R	USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FIRE SCOUT MQ-8B	
SCALE 1:2	DATE 1/17/2011	SHEET 17 OF 23

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REV	REVISIONS		
	DESCRIPTION	DATE	INITIAL APPROVED



SECTION F-F

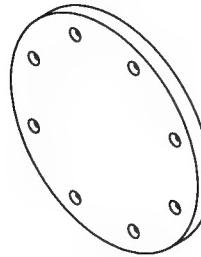
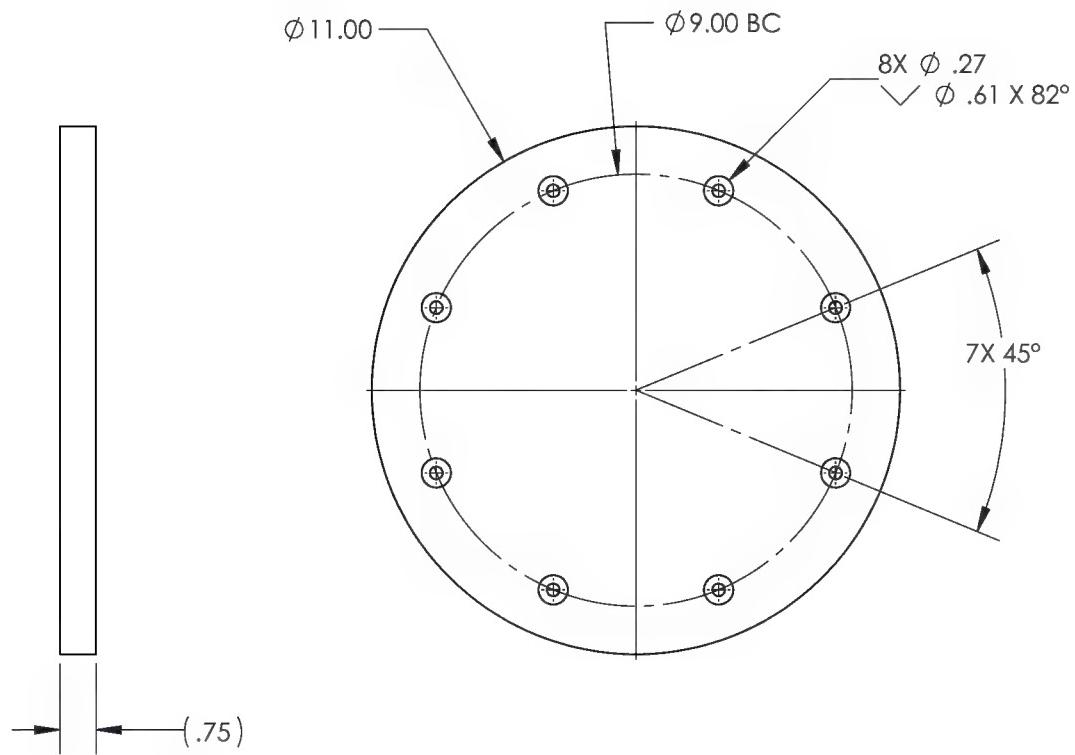
(-33)

FLANGE 2

RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK	
DWG NO. RBT18403-33	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5°	
APPROVED HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
FIRE SCOUT MQ-8B	
SCALE 1:2	DATE 1/17/2011
SHEET 18 OF 23	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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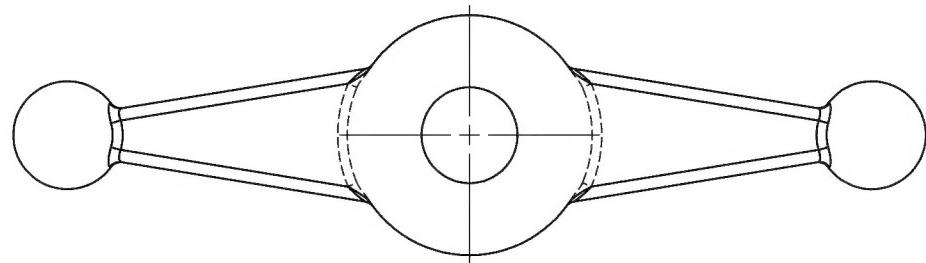
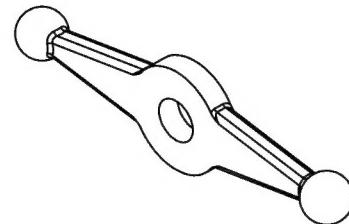
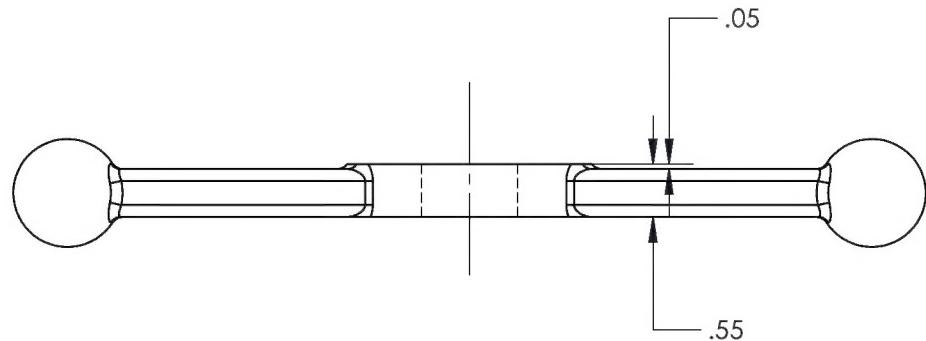
-35

PLYWOOD BASE

	RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK		
DWG NO.	RBT18403-35	REV <i>A</i>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5°		
APPROVED <i>D Weil</i>		
HEAT TREAT FINISH		
SPEC		
USED ON MODEL		
FIRE SCOUT MQ-8B		
SCALE	1:4	DATE 1/17/2011
SHEET 19 OF 23		

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REV	REVISIONS		
	DESCRIPTION	DATE	INITIAL APPROVED



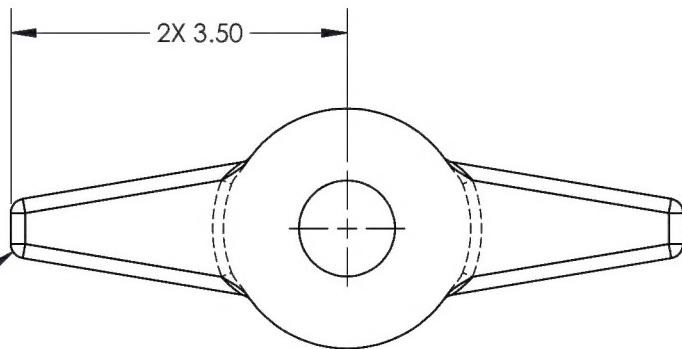
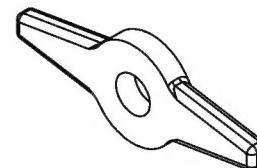
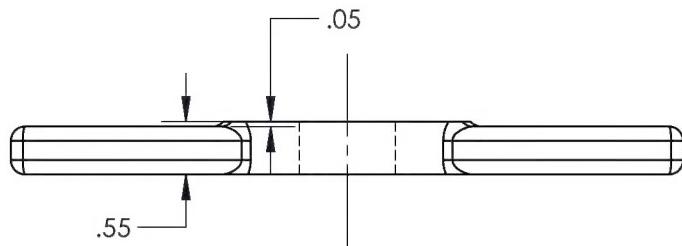
-37

JACK HANDLE MOD

	RED BARN MACHINE	
TITLE		
AFT AIR TRANSPORT SHORING JACK		
DWG NO.	RBT18403-37	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1		
APPROVED <i>D Weil</i>		
HEAT TREAT FINISH		
SPEC		
USED ON MODEL		
FIRE SCOUT MQ-8B		
SCALE	1:2	DATE
	1/17/2011	SHEET 20 OF 23

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REV	REVISIONS		
	DESCRIPTION	DATE	INITIAL APPROVED



(-39)

LOCKING HANDLE MOD

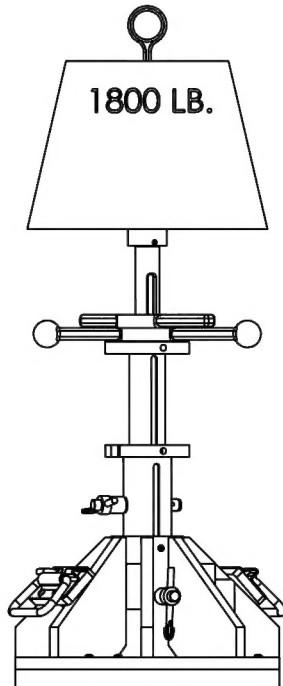
NOTE:
REMOVE BALL ENDS, RADIUS
AND BLEND ENDS.

RED BARN MACHINE	
TITLE AFT AIR TRANSPORT SHORING JACK	
DWG NO.	RBT18403-39
DRAWN BY: GILBERT	
APPROVED <i>D Weil</i>	
REV A	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS XXX ± .005 FRACTIONS ± 1/32	
XX ± .01 ANGLES ± 5°	
X ± .1	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
FIRE SCOUT MQ-8B	
SCALE	1:2
DATE	1/17/2011
SHEET 21 OF 23	

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REVISONS			
REV	DESCRIPTION	DATE	INITIAL
A	SHT 22, CHANGED WEIGHT FROM 3500 TO 1800	2/24/2011	JAG

RED BARN MACHINE
190 S. DANEBO AVE., EUGENE OR. 97402
(541)344-9953; fax (541)344-3863
e-mail; sales@redbarn.net



INSPECTION & TESTING PROCEDURES FOR THE RBT18403 JACK ASSEMBLY. THIS ASSEMBLY IS DESIGNED TO SUPPORT FIRE SCOUT DURING TRANSPORT. THIS ASSEMBLY SHOULD BE INSPECTED BEFORE EACH USE.
REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED OF DAMAGE BEFORE USING!

91 DAY INSPECTIONS

1. CLEAN ENTIRE UNIT AND REMOVE CORROSION
2. CHECK ENTIRE UNIT FOR STRESS CRACKS, BENDING, OR DISTORTIONS.
3. CHECK WELDS FOR ANY CRACKS OR DISTORTIONS.
4. CHECK THREADS FOR DAMAGE, STRESS CRACKS STRETCHING, OR DISTORTIONS.
5. REPAINT IF NECESSARY.

IF ANY OF THE ABOVE CONDITIONS EXIST, OR ARE SUSPECTED OF EXISTING. DO NOT USE THE TOOL UNTIL IT HAS BEEN REPAIRED AND TEST OR REPLACED.

3 YEAR WEIGHT TESTING

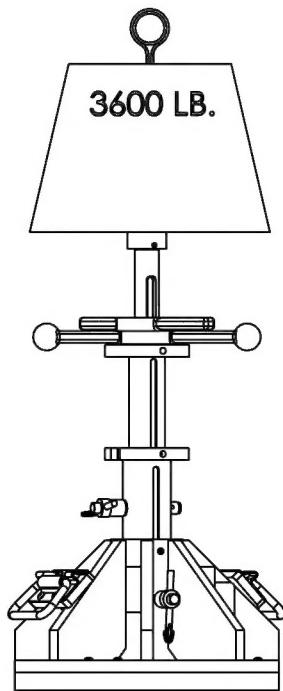
1. AFTER INSPECTION, TURN JACK HANDLE A MINIMUM 1 FULL ROTATION TO ENSURE THREAD ENGAGEMENT. EXTEND BOTH INSERTS AND LOCK IN PLACE WITH PINS. PLACE 1800LBS ON JACK, LEAVE WEIGHT FOR AT LEAST 5 MINUTES, CAREFULLY OBSERVE FOR DISTORTION OR DEFLECTION.
2. REMOVE WEIGHT AND RE-INSPECT JACK, CHECKING FOR STRESS CRACKS, BENDING, OR DISTORTIONS.

	RED BARN MACHINE	
TITLE		
AFT AIR TRANSPORT SHORING JACK		
DWG NO.	RBT18403	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1		
APPROVED <i>D Weil</i>		
USED ON MODEL FIRE SCOUT MQ-8B		
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. 015 R		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
SCALE	1:2	DATE 1/17/2011
CUSTOMER SHEET 1 OF 1		
SHEET 22 OF 23		

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	ADDED 1st ARTICLE SHEET	2/24/2011	JAG	

FIRST ARTICLE WEIGHT TEST



RED BARN MACHINE
190 S. DANEBO AVE., EUGENE OR. 97402
(541)344-9953; fax (541)344-3863
e-mail: sales@redbarn.net

INSPECTION & TESTING PROCEDURES FOR THE RBT18403 JACK ASSEMBLY. THIS ASSEMBLY IS DESIGNED TO SUPPORT FIRE SCOUT DURING TRANSPORT. THIS ASSEMBLY SHOULD BE INSPECTED BEFORE EACH USE.
REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED OF DAMAGE BEFORE USING!

FIRST ARTICLE WEIGHT TEST

1. AFTER INSPECTION, TURN JACK HANDLE A MINIMUM 1 FULL ROTATION TO ENSURE THREAD ENGAGEMENT. EXTEND BOTH INSERTS AND LOCK IN PLACE WITH PINS. PLACE 1800LBS ON JACK, LEAVE WEIGHT FOR AT LEAST 5 MINUTES, CAREFULLY OBSERVE FOR DISTORTION OR DEFLECTION.
2. REMOVE WEIGHT AND RE-INSPECT JACK, CHECKING FOR STRESS CRACKS, BENDING, OR DISTORTIONS.

INSPECTOR _____

TESTER _____

S.N. _____

DATE _____

	RED BARN MACHINE
TITLE	AFT AIR TRANSPORT SHORING JACK
DWG NO.	RBT18403

REV
A